



10/17/2006

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PTO/BB/DBA (07-05)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 104B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

of

7

Complete if Known

Application Number	10/719,796
Filing Date	11/21/2003
First Named Inventor	DAVID MONROE
Art Unit	
Examiner Name	
Attorney Docket Number	121517.001 074

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Numbering Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,163,283	07-31-1978	Darby	
		US- 4,179,895	12-18-1979	Levine et al.	
		US- 4,179,538	04-08-1980	Levine	
		US- 4,848,125	05-07-1983	Schwab et al.	
		US- 4,831,438	05-16-1989	Bolman Jr. et al.	
		US- 4,845,829	07-04-1989	Murga	
		US- 4,891,850	01-02-1990	Shaffer	
		US- 5,027,104	08-25-1991	Reid	Previously considered
		US- 5,027,114	08-26-1991	Kawaguchi et al.	
		US- 5,166,743	11-24-1992	Sato et al.	
		US- 5,218,387	08-08-1993	Shaner et al.	
		US- 5,243,340	08-07-1993	Naman et al.	
		US- 5,283,643	02-01-1994	Fujimoto	
		US- 5,321,815	06-14-1994	Frisbie et al.	
		US- 5,334,982	08-02-1994	Owen	
		US- 5,351,194	09-27-1994	Roas et al.	
		US- 5,400,031	03-21-1995	FRIS	
		US- 5,408,330	04-18-1995	Squicciarini et al.	
		US- 5,448,243	06-05-1995	Bethus et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ "Number" "Kind Code" (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
TN		JPS-251599	1997			
TN		JP11-180424	1999			
TN		JP6-301898	1994			
TN		JPS-282800	1997			
		EP209,357	04-24-1997	Margo et al.	previously considered	
TN		EP220,752	05-08-1997	Julin et al.		

Examiner Signature	/Thu Nguyen/	Date Considered	01/20/2007
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Substitute for form 1049/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 7**Complete if Known**

Application Number	10/719,796
Filing Date	11/21/2003
First Named Inventor	DAVID MONROE
Art Unit	
Examiner Name	
Attorney Docket Number	121017.001.074

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,463,395	10-31-1995	Rodhall et al.	
		US- 5,497,149	03-05-1998	Fast	
		US- 5,530,440	08-25-1998	Dänzer et al.	
		US- 5,557,254	09-17-1998	Johnson et al.	
		US- 5,557,278	09-17-98	Piccirillo et al.	
		US- 5,588,187	01-28-1997	Zijdenhand	
		US- 5,612,068	03-18-1997	Scott	
		US- 5,629,891	05-13-1997	Jain	
		US- 5,636,122	08-03-1997	Shah et al.	
		US- 5,670,861	08-23-1997	Tomka et al.	
		US- 5,677,979	10-14-1997	Squidclairni	previously considered
		US- 5,712,679	01-27-1998	Coles	
		US- 5,712,899	01-27-1998	Pace, II	
		US- 5,742,338	04-21-1998	Lee	
		US- 5,777,551	07-07-1998	Hess	
		US- 5,777,580	07-07-1998	Jenny et al.	
		US- 5,793,416	08-14-1998	Rostoker et al.	
		US- 5,825,283	10-20-1998	Camhi	
		US- 5,850,180	12-15-1998	Hess	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ⁴ Number ⁵ Kind Code ⁶ (if known)				
		EP613,110	08-31-1994	Hoover		
		EP613,111	08-31-1994	Hoover		
		EP744,630	11-27-1996	Alul		
		WO90/04242	04-19-1990	Norman et al.		
		WO98/52174	11-19-1998	Majasalo		
		EP532,110	03-17-1993	Raimondi		

Examiner Signature	/Thu Nguyen/	Date Considered	01/20/2007
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Substitute for form 1448/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 3 of 7**Complete If Known**

Application Number	10/719,796
Filing Date	11/21/2003
First Named Inventor	David Monroe
Art Unit	
Examiner Name	
Attorney Docket Number	121817.001.024

Examiner Initials*	Cite No.	U. S. PATENT DOCUMENTS		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Document Number	Publication Date MM-DD-YYYY		
		Number-Kind Code ² (if known)			
		US- 5,867,804	02-02-1999	Pilley, et al.	
		US- 5,917,405	08-29-1999	Joao	
		US- 5,926,210	07-20-1999	Hackett et al.	
		US- 5,974,158	10-26-1999	Auty et al.	
		US- 5,983,181	11-09-1999	Lamelson et al.	
		US- 5,999,116	12-07-1999	Evers	
		US- 6,084,510	07-04-2000	Lamelson et al.	
		US- 6,092,008	07-18-2000	Bateman	previously considered
		US- 6,154,658	11-28-2000	Caci	
		US- 6,157,317	12-05-2000	Walker	
		US- 6,181,373	01-30-2001	Coles	
		US- 6,195,809	02-27-2001	Pilley et al.	
		US- 6,226,031	05-01-2001	Barracough et al.	
		US- 6,275,231	08-14-2001	Obradovich	
		US- 6,278,985	08-21-2001	Glass et al.	
		US- 6,282,488	08-28-2001	Castor et al.	
		US- 6,462,697	10-08-2002	Kramer et al.	
		US- 5,933,098	08-03-1999	Haxton	
		US- 5,889,442	11-18-1997	Swanson	

Examiner Initials*	Cite No.	FOREIGN PATENT DOCUMENTS		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Y ³
		Foreign Patent Document	Publication Date MM-DD-YYYY			
		Country Code ⁴ Number ¹ Kind Code ⁵ (if known)				
		EP786,636	07-23-1997	Feri et al.	previously	
		WO97/37338	10-09-1997	Auty et al.	considered	
not considered		EP744,030	05-25-1996	Stoll et al.		
		EP292,031	08-12-1987	Mala		
		EP613,109	08-31-1994	Heever	previously	
		WO96/12285	04-25-1996	Milgard	considered	

Examiner Signature	/Thu Nguyen/	Date Considered	01/20/2007
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/719,796
Filing Date	11/21/2003
First Named Inventor	DAVID MONROE
An Unit	
Examiner Name	
Attorney Docket Number	121817.00 1.074

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-6,100,864	08-08-2000	De Cremiers	
		US-5,714,948	02-03-1998	Farnakis et al.	
		US-5,627,753	05-06-1997	Brandin et al.	
		US-4,857,912	08-15-1988	Everett, Jr. et al.	
		US-6,258,475	07-10-2001	Ramachandran et al.	
		US-5,440,332	08-08-1995	Henderson et al.	
		US-6,282,488	08-28-2001	Caster et al.	
		US-5,508,736	04-18-1996	Cooper	
		US-5,469,371	11-21-1995	Bass	previously
		US-5,243,530	08-07-1993	Stanifer et al.	considered
		US-5,288,698	12-07-1993	Smith Sr. et al.	
		US-5,835,059	11-10-1998	Nadal et al.	
		US-2003/0071899	04-17-2003	Jaso	
		US-2002/0055727	03-10-2005	Croamer et al.	
		US-6,662,649	12-16-2003	Knight et al.	
		US-5,938,708	08-17-1999	Feldman	
		US-6,078,850	06-20-2000	Kane et al.	
		US-6,549,130	04-15-2003	Jaso	
		US-5,081,780	02-25-1992	Pomerleau	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ¹ Kind Code ² (if known)			
		WO95/27910	10-19-1995	Walls	

Examiner Signature	/Thu Nguyen/	Date Considered	01/20/2007
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	5	of	7	Application Number	10/217,796
				Filing Date	11/21/2003
				First Named Inventor	DAVID MONROE
				Art Unit	
				Examiner Name	
				Attorney Docket Number	121817.00, 1074

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,866,157	08-08-1997	Aviv	
		US- 6,424,370	07-23-2002	Courtney	
		US- 6,504,479	01-07-2003	Lemons	
		US- 6,028,835	09-30-2003	Brill	
		US- 6,048,678	11-11-2003	DaGraca	
		US- 6,002,427	12-14-1999	Kipust	
		US- 5,432,838	07-11-1985	Purchase	
		US- 6,385,772	05-07-2002	Courtney	previously considered
		US- 6,292,098	09-18-2001	Ebata	
		US- 5,642,285	06-24-1997	Koo	
		US- 5,567,278	09-17-1998	Plocinillo	
		US- 2005/0138083	06-16-2005	Rastegar	
		US- 6,089,655	05-30-2000	Sealey	
		US- 5,440,343	08-08-1995	Parutski	
		US- 5,111,291	03-05-1992	Erickson	
		US- 4,810,892	03-20-1990	Outram	
		US- 5,109,278	04-28-1992	Erickson	
		US- 5,509,009	04-16-1996	Laycock	
		US- 5,751,346	05-12-1998	Dozier	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T [†]
		Country Code ² Number ³ Kind Code ⁴ (if known)	MM-DD-YYYY			

Examiner Signature	/Thu Nguyen/	Date Considered	01/20/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	6	of	7
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Complete if Known

Application Number	10/719,796
Filing Date	11/21/2003
First Named Inventor	DAVID M. HENRICKS
Art Unit	
Examiner Name	
Attorney Docket Number	12184.00 1A2U

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Signature**

/Thu Nguyen/

Date _____

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/719,796
		Filing Date	11/21/2003
		First Named Inventor	DAVID MONROE
		Art Unit	
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	121817.001.074

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		April 1966, Apollo Unified S-Band System, NASA Goddard Space Flight Center, Greenbelt, Maryland	previously considered

Examiner Signature	/Thu Nguyen/	Date Considered	01/20/2007
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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